

CLIPPEDIMAGE= JP406109049A
PAT-NO: JP406109049A
DOCUMENT-IDENTIFIER: JP 06109049 A
TITLE: SUPERELASTIC SPRING

PUBN-DATE: April 19, 1994

INVENTOR-INFORMATION:

NAME

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APPL-NO: JP04285066

APPL-DATE: September 29, 1992

INT-CL (IPC): F16F001/02; C22C019/03 ; C22F001/10

US-CL-CURRENT: 267/73,267/182

ABSTRACT:

PURPOSE: To obtain a superelastic spring which maintains the fundamental properties of the shape memory alloy and possesses the excellent durability.

CONSTITUTION: A superelastic spring which possesses the excellent shape memory characteristic and the excellent durability can be obtained by forming a shape memory alloy wire 1 to a composite wire having a composite structure, i.e., each structure of a twisted wire, braided wire, woven wire, and a nonwoven wire, and further, the superelastic spring which

possesses the excellent
electric conductivity can be obtained by using the
excellent electric
conductive material, e.g. Cu₃ for a part of the
composite wire.

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